Comets CLUE

Name _____

SUSPECTS

Ms. Tucker	$x = -2, x = -1$
Mrs. Malinda	$x = 6, x = 2$
Ms. Dilday	$x = -10, x = -1$
Mr. Stikeleather	$x = 5$

CRIME

Rushed Work	$x = -4, x = -5$
Copied	$x = \pm 10$
Late to Work	$x = \pm 1$
Absent	$x = 7, x = -4$

LOCATION

The Library	$x = -6, x = -2$
The Cafeteria	$x = 7, x = \dfrac{7}{4}$
The Office	$x = -3 \; x = -\dfrac{4}{5}$
Room 632	$x = 1, x = 2$
The Old Gym	$x = 2, x = \dfrac{2}{3}$

Someone didn't do their work right!! The horror! Your job is to find did what and where! Solve each problem and find your answer on Eliminate that suspect, crime or location to find out who the villain is that messed up their math assignment!

1. $2x^2 + 18x + 40 = 0$

2. $x^2 + 8x = -12$

3. $x^2 + 10 = -11x$

4. $3x^2 - 8x = -4$

5. $5x^2 - 15x - 140 = 0$

6. $x^2 = 100$

7. $5x^2 + 19x + 12 = 0$

8. $2x^2 - 16x + 24 = 0$

9. $x^2 - 10x = -25$

10. $4x^2 - 35x + 49 = 0$

It was _____ who was _____ in _____!